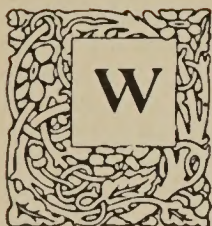


HOUSE INSULATION



WE WANT TO TELL YOU BRIEFLY IN THE FOLLOWING PAGES WHY IT IS VERY ESSENTIAL THAT YOU SHOULD CONSIDER CAREFULLY THE QUESTION OF SHEATHING PAPER, DEADENING FELT AND ROOFING, IF YOU ARE LOOKING FOR THE BEST RESULTS AND WANT TO BE SATISFIED. ACTUAL RESULTS ARE THE ONLY PROOFS, AND RATHER THAN TELL A LONG STORY, WE SHOW CUTS OF DIFFERENT KINDS OF BUILDINGS WHERE OUR NEPONSET WATERPROOF PAPERS, FLORIAN SOUND DEADENING FELT AND PAROID ROOFING HAVE BEEN USED. ALL OF THESE MATERIALS ARE THE STANDARDS OF THE UNITED STATES GOVERNMENT AND THE LEADING ARCHITECTS AND ENGINEERS OF THE COUNTRY. IF WE CAN HELP YOU OUT ON ANY OF YOUR BUILDING PROBLEMS, WE HOPE YOU WILL WRITE US.



**F. W. BIRD & SON
MAKERS**

ESTABLISHED 1817

EAST WALPOLE, MASS.

NEW YORK CHICAGO WASHINGTON

**CANADIAN FACTORY AND OFFICE
HAMILTON, ONT.**

NEPONSET WATERPROOF PAPERS

Neponset Red is the original waterproof sheathing paper made over twenty-five years ago and it has been the standard for the best work ever since. Neponset is the thickest and strongest waterproof sheathing paper made. It costs more than ordinary sheathing papers, but the difference in cost between Neponset Red Waterproof Paper and the cheaper building papers, that give practically no protection from heat and cold is too small to consider compared with the comfort which the householder gets in both summer and winter.

Neponset Black Waterproof Paper we make for work where Neponset Red is too expensive.

WALL SHEATHING

First-class insulation against heat in summer and cold in winter requires paper that is thick enough, strong enough, and waterproof enough to keep out cold, heat and moisture. Several instances where Neponset has been placed on houses which have been repaired and the cheap resin sized paper taken out, show that the saving in coal in one winter will almost pay for the total cost of Neponset.

FLOOR WORK

We recommend Neponset Black for floor work because it is absolutely stainless and waterproof.

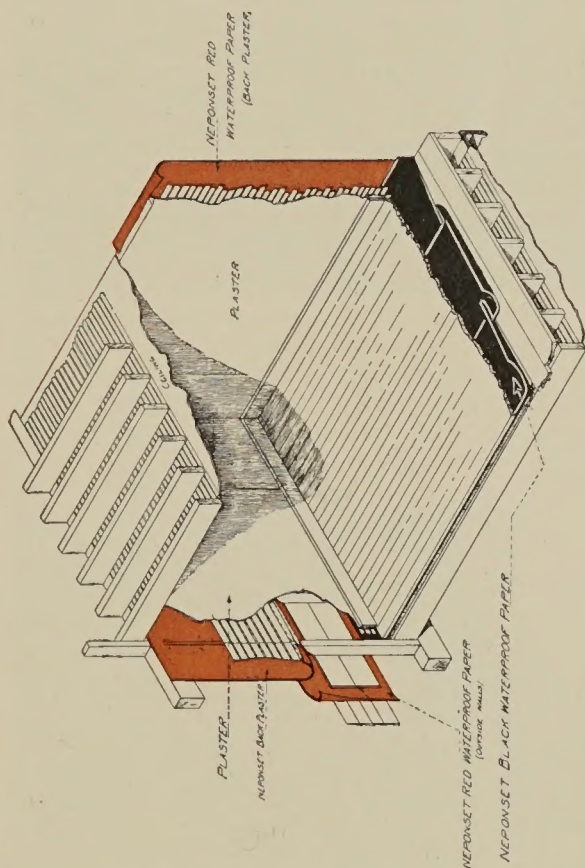
BACKPLASTER WORK

For a great many years architects have specified Neponset Red in place of the ordinary backplaster. It costs half as much, and besides this, it is far superior for ordinary backplaster draws away from the studding after a time and when this happens its usefulness is entirely gone.

Neponset Red is coated with a hard, impenetrable, waterproof coating which is of a brighter red than the body of the material. You can always tell the genuine by this bright red coating.

NEPONSET WATERPROOF PAPERS

CROSS SECTION SHOWING NEPONSET USED IN
DIFFERENT WAYS



The above plan represents a cross section of a building. You can get from this an idea of the way in which Neponset should be applied. These are the approved methods of the best architects and engineers.

NEPONSET WATERPROOF PAPERS



RESIDENCE OF G. F. WILLETT, MAGNOLIA, MASS.



RESIDENCE OF BEN. J. FOX, ALLSTON, MASS.

There are more high grade buildings sheathed with Neponset Papers than any other sheathing paper made.

NEPONSET WATERPROOF PAPERS



WHITE HOUSE, WASHINGTON, D.C.



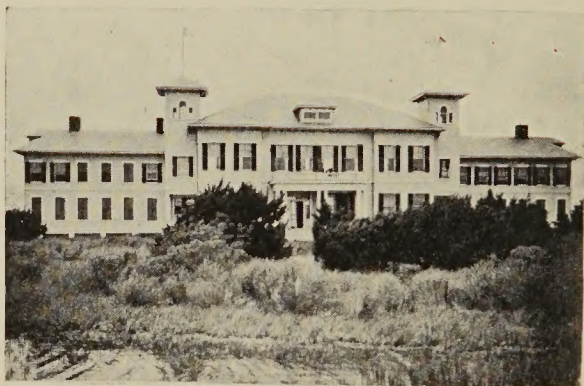
GRACE REFORM CHURCH, WASHINGTON, D.C. WHERE
PRES. ROOSEVELT WORSHIPS

Neponset is always used where first-class
results are desired.

NEPONSET WATERPROOF PAPERS



**METROPOLITAN LIFE INSURANCE CO.'S BUILDING,
NEW YORK CITY**

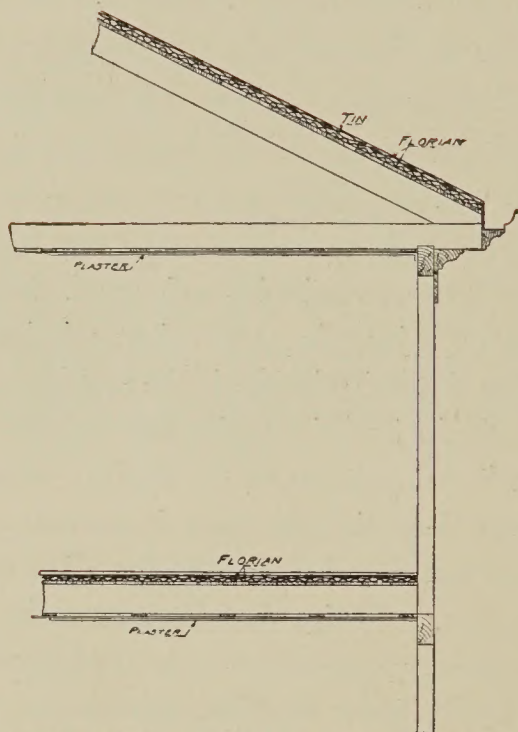


U. S. MARINE BIOLOGICAL STATION, BEAUFORT, S.C.

FLORIAN SOUND DEADENING FELT

THERE are two important things about Florian which we want to bring to your attention. First, it is by all odds the cleanest and most sanitary deadening felt made. The stock is thoroughly boiled and washed. It is largely replacing the ordinary deadening felts made from refuse stock and old papers swept from the streets. Florian is vermin proof. Secondly, it is made on the right principle. The dead air principle is the best known method of insulation against heat and sound and the corrugations of Florian, which form dead air cells, make it not only an excellent sound deadener, but a fire retardent. Florian has been used in a large percentage of the modern residences, office buildings, hospitals, schools, etc. It is especially valuable under tin roofs because it reduces the temperature of the rooms below to a minimum and deadens the sound of rain. The corrugations will always retain their shape. For best results we recommend two layers—the corrugations laid at right angles to each other.

FLORIAN SOUND DEADENING FELT



Use two layers of Florian, the corrugations at right angles to each other

CROSS SECTION SHOWING FLORIAN

The above plan shows how Florian should be applied between floors and under tin roofs

FLORIAN SOUND DEADENING FELT

THE following is a synopsis of the results obtained by an expert at Worcester Polytechnic Institute determining the comparative heat and sound deadening qualities of Florian and ordinary deadening felt:—

	Comparative Insulating Values in % (assuming Florian=100%.)
One sheet Florian	100 %
Three sheets "Ordinary Deadening Felt"	74.5%
Two sheets "Ordinary Deadening Felt"	71.5%
One sheet "Ordinary Deadening Felt"	61.0%

(From the table of results, it is seen that one sheet of "Ordinary Deadening Felt" is 61% as good as "Florian" for insulating purposes, or the "Ordinary Deadening Felt" allowed 1.64 ($\frac{100}{61} = 1.64$) times as many heat units to pass through one square foot under the same conditions as did the "Florian"). Also from table it is seen that two sheets of "Ordinary Deadening Felt" are 71.5% as good, and three sheets of "Ordinary Deadening Felt" are 74.5% as good, for heat insulating purposes as the "Florian."

FLORIAN SOUND DEADENING FELT



BESSEMER BUILDING PITTSBURGH, PA.

In which 200,000 square feet of Florian
was used

FLORIAN SOUND DEADENING FELT



RESIDENCE OF H. F. WOODS, CINCINNATI, O.



RESIDENCE OF DR. KOBER, WASHINGTON, D.C.

**Florian was used between floors of
these residences.**

FLORIAN SOUND DEADENING FELT



APARTMENT HOUSES, WASHINGTON, D.C.



**Florian used under roof, between floors
and partitions.**

P A R O I D R O O F I N G

A PERMANENT ready roofing and siding. While it is largely used on railroad buildings, factories, warehouses and farm buildings, it is used in place of shingles on residences, especially on porch roofs and other flat roofs where shingles rot out very quickly. Paroid is a heavy felt saturated through and through with a special waterproof compound and coated on both sides with an elastic coating. It is proof against sparks, cinders, salt water, gases and fumes.

The United States Government, the largest railroads and manufacturers have used and endorsed Paroid for many years. If you are looking for permanent results, you will make no mistake in using Paroid. Every roll contains fixtures and complete directions for applying.

We will be glad to send specifications for mill construction work and other special roofs.

P A R O I D R O O F I N G



PACKARD COTTAGES, LAKEWOOD, N.Y.



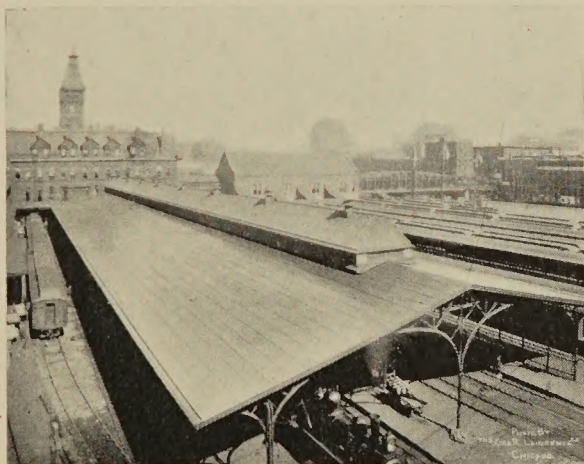
STORE OF GEO. H. BROWN & SONS, MT. VERNON, N.Y.

**Both of these buildings are covered with
Paroid.**

P A R O I D R O O F I N G



P. & F. CORBIN'S FOUNDRY, NEW BRITAIN, CT.



CHICAGO & NORTHWESTERN R. R. TRAIN SHED,
CHICAGO

Covered with Paroid.

WE manufacture Paroid Roofing,
Neponset Waterproof Papers,
Florian Sound Deadenng Felt, Ko-sat
Insulating Paper, Neponset Insulating
Paper, Hydrex Waterproofing Felt,
Special Papers and Paper Boxes.

Be sure to tell us if we can help you
out in any way and send for samples and
prices.

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